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Amendment

APR 19 2007

In the Specification:

Please amend specification page 12 as follows:

at 1, replace [cliode] with diode.

The paragraph with this amendment is listed below:

FIG. 4 shows plug Sensor Circuit Detection means 263 and socket Sensor Circuit Detection means 264 shown generally in FIGS. 2 and 3 respectively and how the Sensor Lines 292, 294 and 280, 282 are activated only by the full engagement of the plug 212 and socket 226. A positive potential +V on the plug sensor circuit side 235 is connected to a resistor R1 (272), then to a forward-biased diode 274, then to diode 276 that acts to block this current, and finally to another resistor R2 (278) that is grounded 250. Sensor Line 1 (280) from the junction of 274 and 276 is connected to plug contact 284. Sensor Line 2 (282) from the junction of 276 and 278 is connected to plug contact 286 and also to the plug Sensor Circuit input 256. Similarly, a positive potential +V on the socket circuit side 236 is connected to a resistor R1 (298), then to a forward biased diode 300, then to a [cliode] diode 302 that acts to block this current, and finally to another resistor R2 (304) which is grounded 250. Sensor Line 1 (292) from the junction of 300 and 302 is connected to socket contact 290. Sensor Line 2 (294) from the junction 302 and 304 is connected to socket contact 288 and also to the socket Sensor Circuit input 257.